

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference A3232.WO.212	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/IB2004/002545	International filing date (day/month/year) 05/08/2004	(Earliest) Priority Date (day/month/year) 06/08/2003
Applicant AZIONARIA COSTRUZIONI MACCHINE AUTOMATICHE A.C.M.A		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 2

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/002545

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B65B61/24 B65B11/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B65B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 794 413 A (DRAGHETTI FIORENZO) 18 August 1998 (1998-08-18)	1,3,4,6, 7,10-12, 14-18
Y	column 3, line 41 - column 6, line 24; figures 3,6,8-11	2,5,13
X	US 2 723 516 A (JOSEPH MALHIOT CLARENCE) 15 November 1955 (1955-11-15) column 9, line 30 - column 10, line 21 column 13, line 66 - column 14, line 65 figures	1,3,9,10
X	US 5 410 858 A (OSTI ROBERTO ET AL) 2 May 1995 (1995-05-02) column 3, lines 10-62; figures	1,10
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

19 October 2004

Date of mailing of the international search report

27/10/2004

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/002545

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 970 889 A (GD SPA) 12 January 2000 (2000-01-12) paragraphs '0012! - '0021!, '0037!, '0048! - '0050!; figures -----	1,3,10
X	EP 0 608 823 A (AZIONARIA COSTRUZIONI) 3 August 1994 (1994-08-03) column 3, line 23 - column 4, line 22; figures -----	1,10
Y	EP 0 771 731 A (FUJI MACHINERY CO) 7 May 1997 (1997-05-07) figure 38 -----	2
Y	US 2 603 047 A (MALHIOT CLARENCE J) 15 July 1952 (1952-07-15) column 11, lines 12-26; figures 12,13 -----	5,13
X	EP 1 176 097 A (GD SPA) 30 January 2002 (2002-01-30) figure 4 -----	19

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/002545

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5794413	A	18-08-1998	IT B0960139 A1	15-09-1997
			CN 1164500 A ,B	12-11-1997
			DE 69717888 D1	30-01-2003
			DE 69717888 T2	18-09-2003
			EP 0795474 A1	17-09-1997
			JP 10001103 A	06-01-1998
US 2723516	A	15-11-1955	NONE	
US 5410858	A	02-05-1995	IT 1252457 B	16-06-1995
			DE 4225069 A1	04-02-1993
			GB 2258187 A ,B	03-02-1993
EP 0970889	A	12-01-2000	IT B0980419 A1	10-01-2000
			BR 9903128 A	28-03-2000
			DE 69915178 D1	08-04-2004
			EP 0970889 A1	12-01-2000
			ES 2213950 T3	01-09-2004
			US 6223506 B1	01-05-2001
EP 0608823	A	03-08-1994	IT 1266230 B1	27-12-1996
			DE 9422350 U1	17-08-2000
			DE 69401217 D1	06-02-1997
			DE 69401217 T2	12-06-1997
			EP 0608823 A1	03-08-1994
			ES 2098067 T3	16-04-1997
			JP 3514797 B2	31-03-2004
			JP 6345045 A	20-12-1994
			US 5490368 A	13-02-1996
EP 0771731	A	07-05-1997	JP 2936458 B2	23-08-1999
			JP 9124003 A	13-05-1997
			DE 59600243 D1	20-05-1998
			DE 69600243 T2	03-09-1998
			EP 0771731 A1	07-05-1997
			US 5775063 A	07-07-1998
US 2603047	A	15-07-1952	NONE	
EP 1176097	A	30-01-2002	IT B020000464 A1	28-01-2002
			EP 1176097 A2	30-01-2002